BLACK & DECKER ELECTRIC DRILLS

WITH THE PISTOL GRIP AND TRIGGER SWITCH

The operator holds these drills in the natural way, with his forefinger on the trigger, and has perfect control at all times without changing the position of either hand. This patented control saves drill bits and has made the tool a general favorite. The spindle on B. and D. drills is offset for close corner drilling.

The motors are built specially for these drills and operate on any current from direct to 60 cycle alternating.

7/8-INCH

Fig. 27940A

Complete with breastplate, feed screw, No. 2 Morse Taper Socket, 15 feet duplex electric cable, separable attachment plug and detachable side handle.

No load speed, 350 r. p. m.

Price.....each **128.00**

5/8-INCH

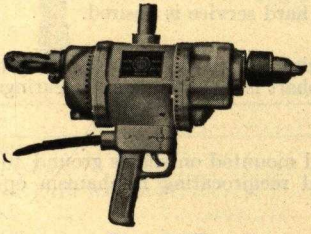


Fig. 27940B

Complete with interchangeable spade handle and breastplate, chuck for straight shank drills, 15 feet duplex electric cable, separable attachment plug and detachable side handle.

No load speed, 600 r. p. m.

Price.....each **112.00**

Will be supplied with feed screw at additional cost of 5.00.

1/2-INCH

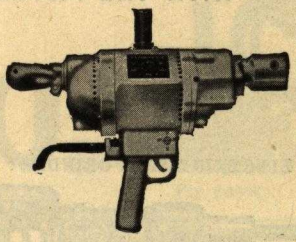


Fig. 27940C

Complete with interchangeable spade handle and breastplate, chuck for straight shank drills, 15 feet duplex electric cable, separable attachment plug and detachable side handle.

No load speed, 600 r. p. m.

Price.....each **100.00**

Will be supplied with No. 1 Morse Taper Socket and feed screw at additional cost.

3/8-INCH

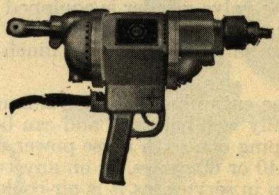


Fig. 27940D

Complete with spade handle, chuck for straight shank drills, 15 feet duplex electric cable and separable attachment plug.

No load speed, 900 r. p. m.

Price.....each **84.00**

BABY

Fig. 27940E

Complete with chuck for straight shank drills, 15 feet duplex electric cable and separable attachment plug.

3/16-inch no load speed, 1600 r. p. m.

Price.....each **60.00**

1/4-inch no load speed, 1200 r. p. m.

Price.....each **60.00**

The above prices are for 110-volt circuits. Drills for 220 and 32-volt circuits 4.00 extra.

BLACK & DECKER ELECTRIC VALVE GRINDERS

WITH THE PISTOL GRIP AND TRIGGER SWITCH

ELECTRIC VALVE GRINDER

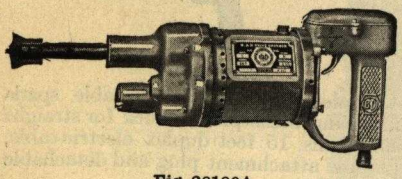
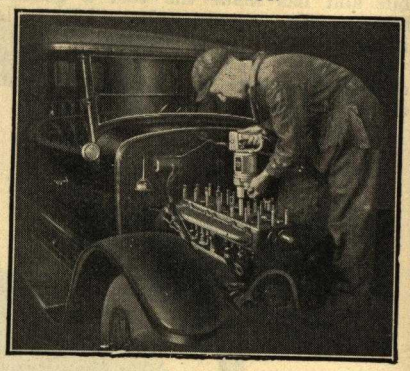


Fig. 28180A

IN OPERATION



The valve grinder is equipped with an oscillating spindle. The oscillating action of the spindle is free and steady. It is of the same movement that skilled mechanics use when grinding by hand, but much faster.

The entire housing is of aluminum alloy. It is exceptionally free from vibration and unusually well balanced and can be operated without fatigue. The motor is capable of developing one-sixth horse power and operates on direct current or on alternating current of 25, 40 or 60 cycles, or on any two wires of a three-phase circuit. Motor cannot possibly heat up in service, as it is air-cooled. An efficient cooling system is of vital importance to any portable electrically driven tool, especially where hard service is desired.

These grinders are built for 110, 220 and 32-volt circuits and will operate satisfactorily on voltage 10 per cent over or under. The armature shaft is mounted on ball bearings and runs with practically no vibration.

The gears are cut of special steel heat treated and mounted on shafts ground to size running in generous bronze bushings. Gear train and reciprocating mechanism operate in grease in grease-tight housings.

The pistol grip and trigger switch is the quickest, handiest and surest control obtainable. The current can be switched on or off without removing either hand. It saves time and labor and insures better workmanship. There are ball bearings on each end of the armature shaft.

Grinder complete with 15 feet of duplex electric cable, separable attachment plug and detachable screwdriver and spanner type bits. Blank bits can be filed to fit special valves.

Weight, Shipping	pounds	17
" Net	"	8
Price, 220 or 32 Volts	each	60.00
" 110 Volts	"	56.00
" Blank Bits	per dozen	.60